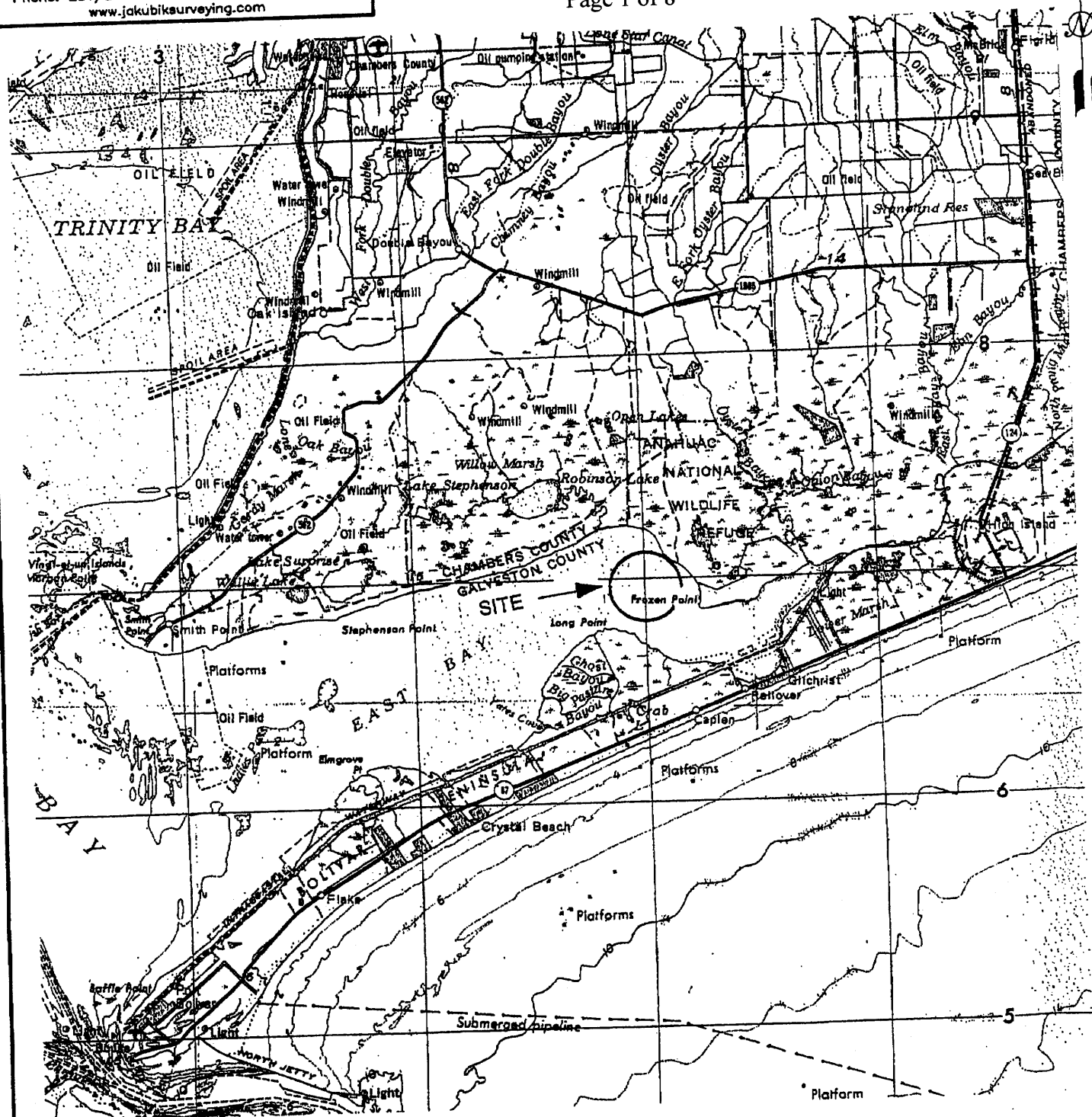


JOHN T. JAKUBIK & ASSOCIATES, LLC  
4309 Greenbriar • Stafford, Texas 77477  
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Permit Number 23320  
Rutherford Oil Corporation  
February 12, 2004  
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SHEET 1 of 8

N.T.S.

File: ROC6634

(For Corps Use Only)

APPLICATION BY:

Rutherford Oil Corp.  
5 E Greenway Plaza, Ste. 220  
Houston, Texas 77046

VICINITY PLAT  
PROPOSED WELL LOCATION & PIPELINE  
FROM STATE TRACT 179  
GALVESTON EAST BAY  
GALVESTON COUNTY, TEXAS

January 22, 2004

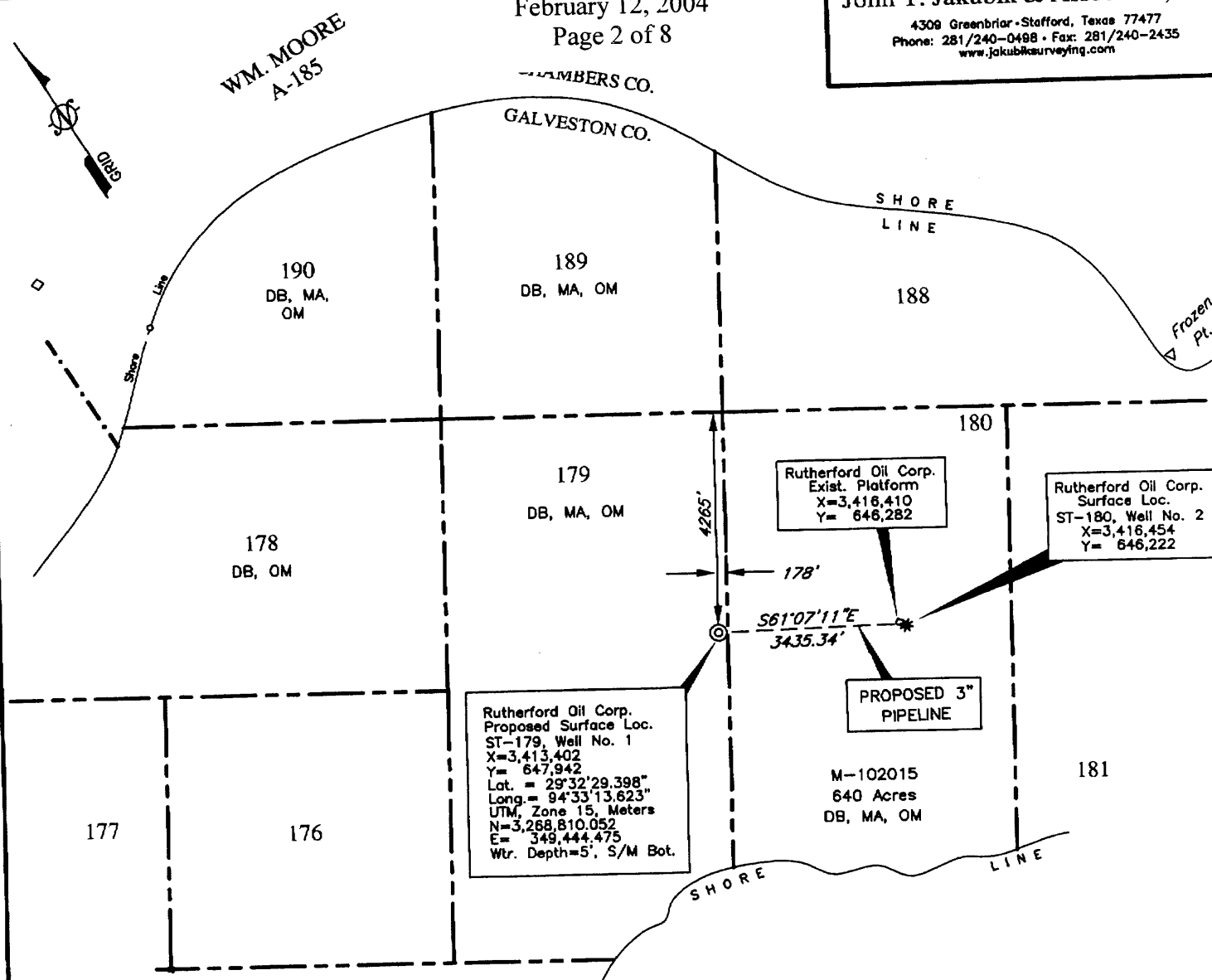
Permit Number 23320  
Rutherford Oil Corporation

February 12, 2004

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The entire pipeline route was surveyed on the ground by John T. Jakubik of the firm of John T. Jakubik & Associates, Inc. on April 1, 2003 in search for reefs and oysters. None were found within 500 feet of both sides of centerline of proposed route. The bottom consisted of soft mud.

Approximately 2040 cubic yards of spoil will be removed during pipeline construction and returned to ditch after construction.

Bearings and coordinates shown hereon are based on the Texas Coordinate System S.C. Zone (NAD 27).

#### GENERAL LAND OFFICE RECOMMENDED CODES

- DB — No dredging or propwashing in water less than 4 feet deep as measured from MLW.
- MA — No special recommendations
- OM — Avoid drilling and construction of platforms on top of slopes of reefs, banks, hard bottoms, or artificial reefs on this tract.

SHEET 2 of 8

Scale: 1" = 3000'

FILE: ROC6634-6

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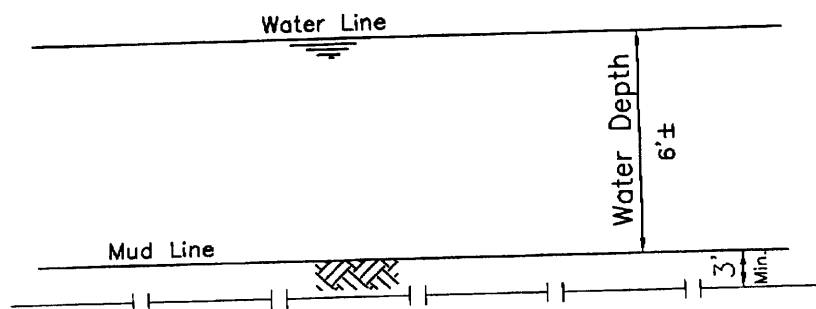
APPLICATION BY:

Rutherford Oil Corp.  
5 E Greenway Plaza, Ste. 220  
Houston, Texas 77046

January 22, 2004

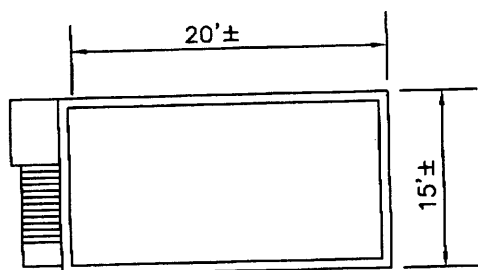
**PROPOSED  
WELL LOCATION & PIPELINE  
STATE TRACTS 179 & 180  
GALVESTON EAST BAY  
GALVESTON COUNTY, TEXAS**

John T. Jakubik &amp; Associates, LLC

4309 Greenbriar - Stafford, Texas 77477  
Phone: 281/240-0488 • Fax: 281/240-2435  
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Rutherford Oil Corporation  
February 12, 2004  
Page 3 of 8

TYPICAL FLOWLINE SECTION

SCALE 1"=10'

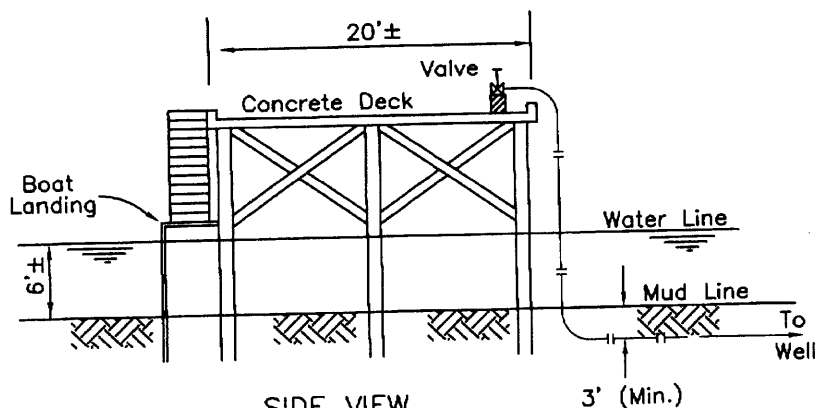
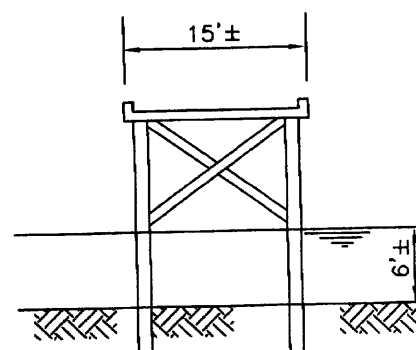
TOP VIEW  
Production Platform  
N.T.S.

## NOTE:

Flowlines will be buried three feet below the mud line.

It is anticipated that the method of burial will be jetting and/or trenching.

Lights and navigation aids will be installed on all platforms as per U.S. Coast Guard's Regulations.

SIDE VIEW  
PRODUCTION PLATFORMEND VIEW  
PRODUCTION PLATFORM  
N.T.S.

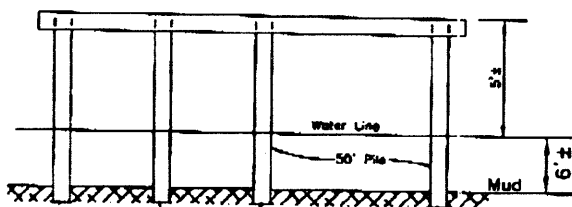
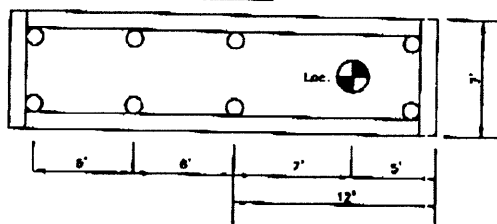
SHEET 3 OF 8

File: ROC6634-1

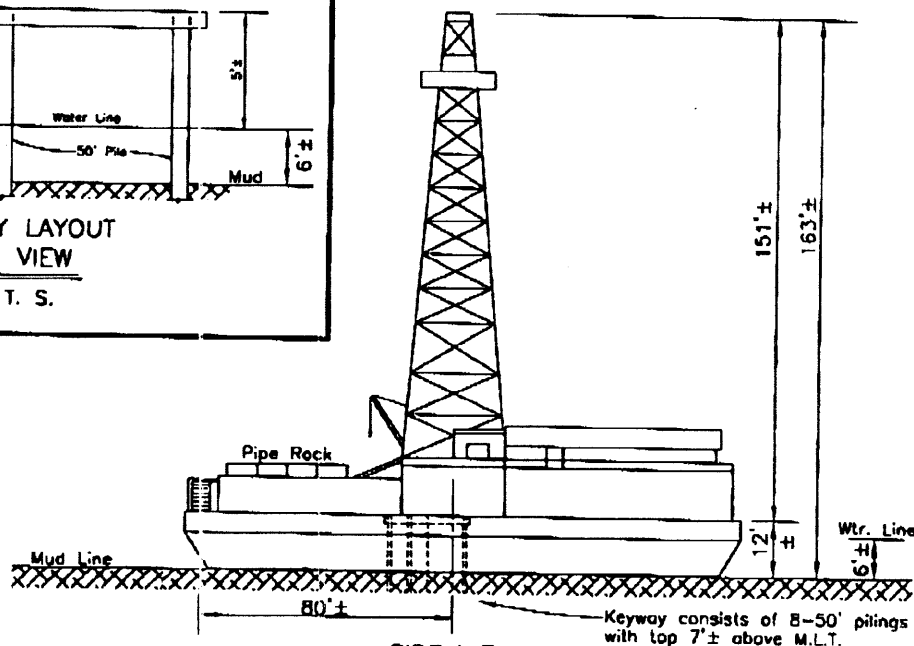
APPLICATION BY:

Rutherford Oil Corp.  
5 E Greenway Plaza, Ste. 220  
Houston, Texas 77046PROPOSED PRODUCTION FACILITIES  
FLOWLINES & PRODUCTION PLATFORM  
GALVESTON EAST BAY  
GALVESTON COUNTY, TEXAS

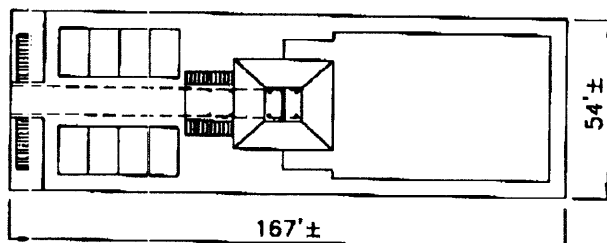
January 22, 2004

**John T. Jakubik & Associates, LLC**4309 Greenbriar • Stafford, Texas 77477  
Phone: 281/240-0488 • Fax: 281/240-2435  
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February 12, 2004  
Page 4 of 8**TOP VIEW****KEYWAY LAYOUT  
SIDE VIEW**

N. T. S.

**SIDE VIEW  
MARINE BARGE**

N. T. S.

**TOP VIEW  
MARINE BARGE**

N. T. S.

SHEET 4 OF 8

File: ROC6634-2

APPLICATION BY:

Rutherford Oil Corp.  
5 E Greenway Plaza, Ste. 220  
Houston, Texas 77046PROPOSED MARINE BARGE  
and KEYWAY LAYOUT  
GALVESTON EAST BAY  
GALVESTON COUNTY, TEXAS

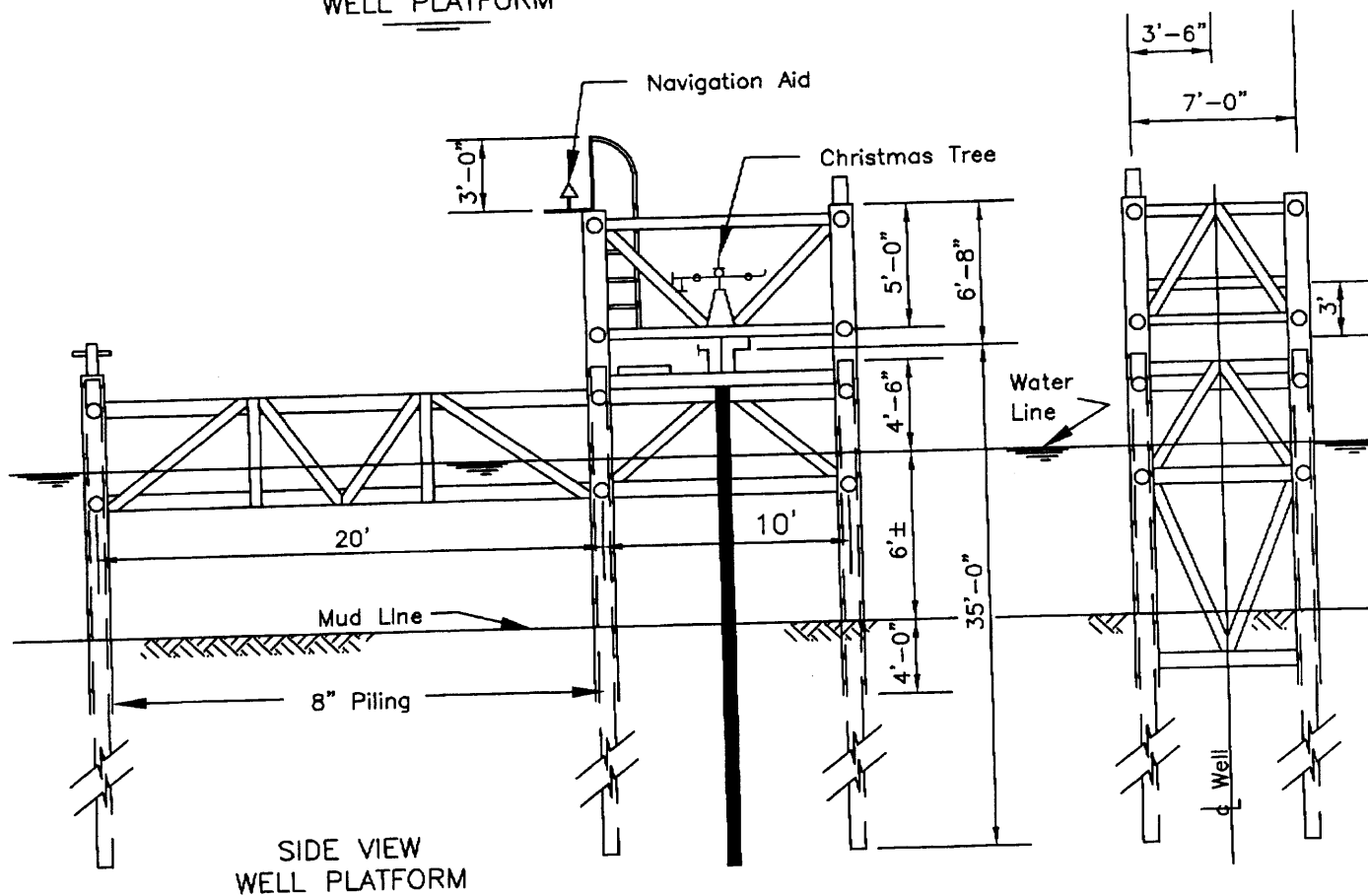
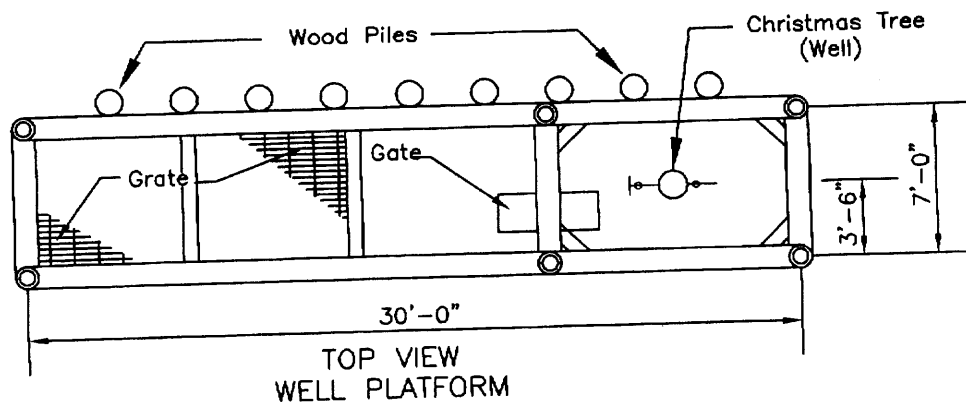
January 22, 2004

Rev.: 02-09-04

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February 12, 2004  
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Lights and navigation aids will be installed on all platforms as per U.S. Coast Guard's Regulations.

SHEET 5 OF 8

Not To Scale

File: ROC6634-3

APPLICATION BY:

Rutherford Oil Corp.  
5 E Greenway Plaza, Ste. 220  
Houston, Texas 77046

PROPOSED WELL PLATFORM  
GALVESTON EAST BAY  
GALVESTON COUNTY, TEXAS

January 22, 2004

**John T. Jakubik & Associates, LLC**4309 Greenbriar • Stafford, Texas 77477  
Phone: 281/240-0498 • Fax: 281/240-2435  
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Rutherford Oil Corporation  
February 12, 2004  
Page 6 of 8GENERAL LAND OFFICE  
RECOMMENDED CODES

DB - No dredging in water less than 4 feet deep as measured from mean low water.

OM - Avoid drilling and construction of platforms on the top or slopes of reefs, banks, hard bottoms, or artificial reefs on this tract.

NOTES REGARDING SPILL CONTAINMENT

1. Approximately 200 absorbent pads will be maintained on site during drilling operations.
2. Sufficient oil spill boom will be maintained across the keyway, or rig will have a gate across keyway to contain un-anticipated upsets. The boomed keyway will be checked on a daily bases and changed as needed.
3. All hydrocarbon operations, including diesel fuel, motor oil and lubricants will be conducted during daylight hours.
4. The fuel transfer hose will be inspected for potential leaks prior to each use.
5. In accordance with EPA NPDES General Permits TXG330000 and TXG290000 there will be no discharge of produced waters, drilling muds, drill cuttings and any other fluids associated with the drilling process, into the waters of the Bay.

SHEET 6 OF 8

File: ROC 6634-4

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APPLICATION BY:

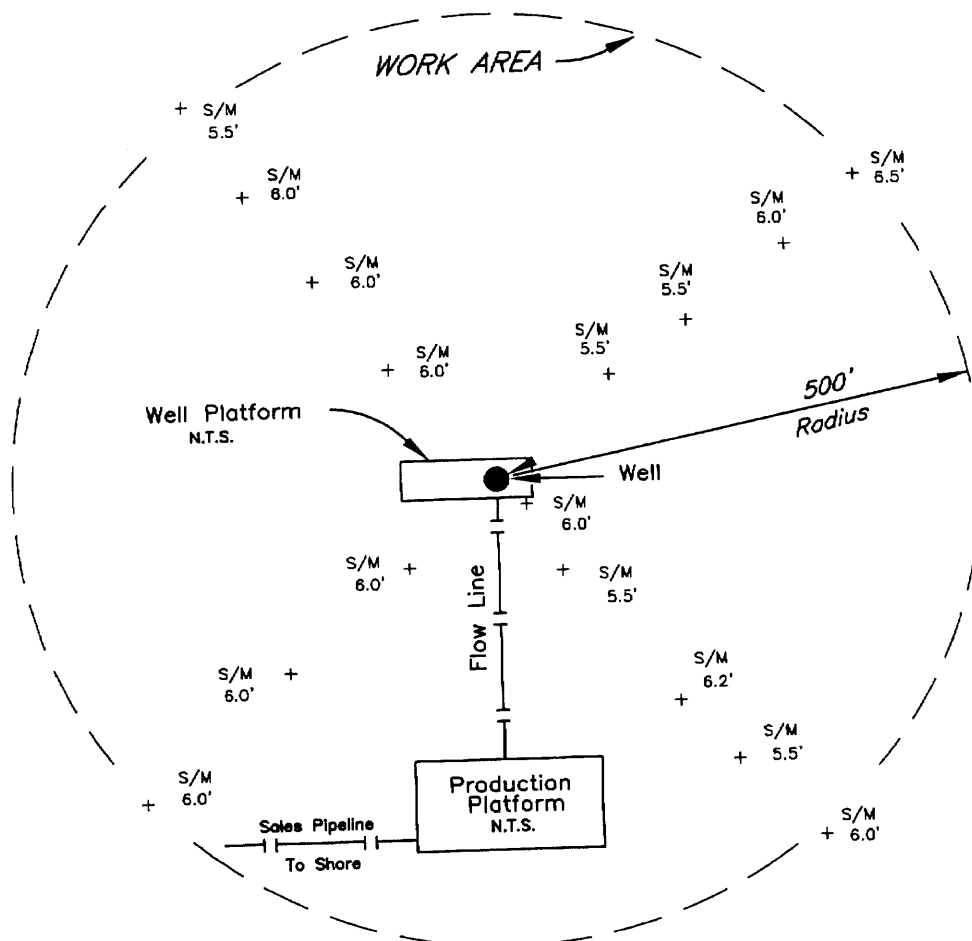
Rutherford Oil Corp.  
5 E. Greenway Plaza, Ste. 220  
Houston, Texas 77046GENERAL LAND OFFICE CODES  
AND SPILL CONTAINMENT NOTES  
STATE TRACT 179  
GALVESTON EAST BAY  
GALVESTON COUNTY, TEXAS

January 22, 2004

**John T. Jakubik & Associates, LLC**

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 Rutherford Oil Corporation  
 February 12, 2004  
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ALL WORK WILL BE PERFORMED  
 WITHIN THE WORK AREA  
 (EXCEPT SALES PIPELINE)

**NOTE:**

The orientation of platforms and pipelines in work area may change from above layout.

No shell reefs were found within the 500' work area.

C.O.E. Tide Gage located at Stingeree Point read +1.6' MLT at time of survey which was performed November 21, 2001.

**LEGEND**

S/M — Soft Mud Bottom  
 0.0' — Water Depth

SHEET 7 OF 8

Scale: 1"=200'

File: ROC6634-5

APPLICATION BY:

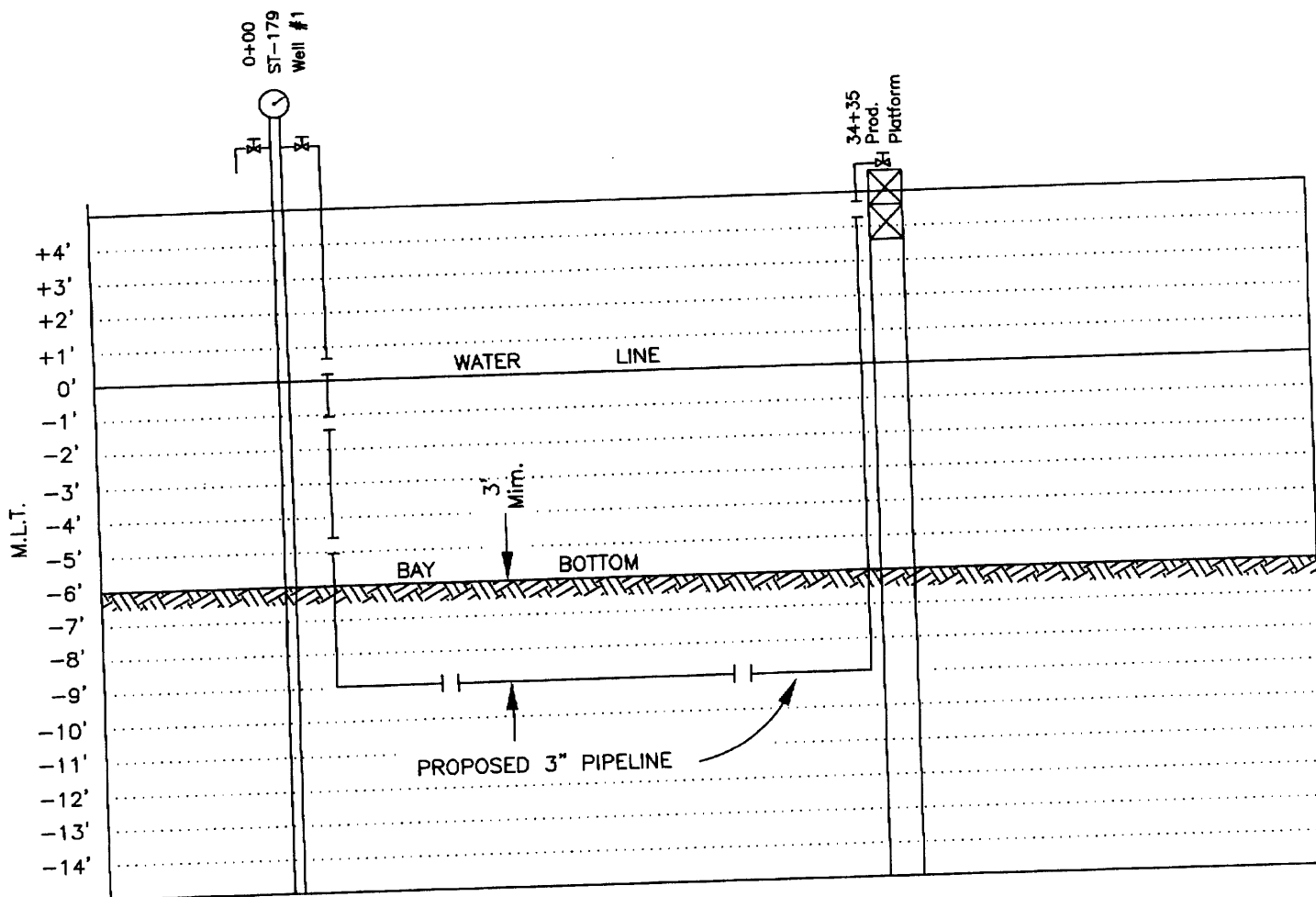
Rutherford Oil Corp.  
 5E Greenway Plaza, Ste. 220  
 Houston, Texas 77046

PROPOSED WORK AREA  
 AND  
 SOUNDINGS  
 GALVESTON EAST BAY  
 GALVESTON COUNTY, TEXAS

January 22, 2004

**JOHN T. JAKUBIK & ASSOCIATES, INC.**  
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 Rutherford Oil Corporation  
 February 12, 2004  
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Hor. Scale: 1" = 1000'  
 Vert Scale: 1" = 5'

SHEET 8 OF 8

File: ROC6634-7

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APPLICATION BY: Rutherford Oil Corp.  
 5 E Greenway Plaza, Ste. 220  
 Houston, Texas 77046

January 22, 2004

PROFILE  
 STATE TRACTS 179 & 180  
 GALVESTON EAST BAY  
 GALVESTON COUNTY, TEXAS